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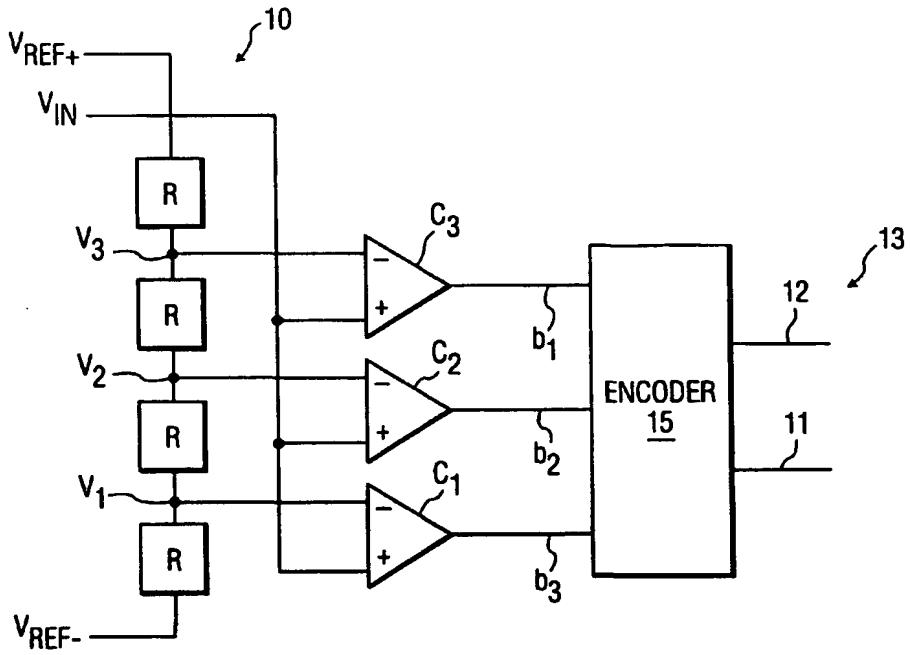
Declaration under Rule 4.17:

— *as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii)) for all designations*

[Continued on next page]

(54) Title: NON-LINEAR DISTRIBUTION OF VOLTAGE STEPS IN FLASH-TYPE A/D CONVERTERS



(57) Abstract: A method, apparatus, and system for converting an input voltage VIN to a digital output. A comparison of VIN with reference voltages in one or more flash-type analog-to-digital (A/D) converters generates the digital output representing VIN. If one A/D converter is used, the A/D converter is non-linear. If more than one A/D converter are used, the A/D converters are each linear.

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